

# EAST Search History

EF

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 2    | (second adj modulat\$3) with ("same" near code and phase)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/03 14:30 |
| L2    | 0    | (inverse adj phase adj modulat\$3) with (("same" identical) near code) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/03 14:32 |
| L3    | 2    | (inverse adj modulat\$3) with (("same" identical) near code)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/03 14:34 |
| L4    | 5    | (inverse adj modulat\$3) same (("same" identical) near code)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/03 14:54 |
| L5    | 2    | ("6101225").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/03 14:54 |
| L6    | 2    | ("6754287").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/03 15:47 |
| L7    | 2    | ("5784403").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/03 15:52 |
| L8    | 2    | ("5978420").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/03 15:52 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S2  | 27    | ("phase modulation" and power and mixer).ab.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/17 02:03 |
| S3  | 16    | ((("4641369") or ("4841169") or ("5428838") or ("5794131") or ("5903555") or ("6054889") or ("6078802") or ("6144236"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/01 11:05 |
| S4  | 8     | ((("4641369") or ("4841169") or ("5428838") or ("5794131") or ("5903555") or ("6054889") or ("6078802") or ("6144236"))).PN. | USPAT   | OR | OFF | 2004/11/01 11:16 |
| S7  | 135   | kintis.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/03 09:36 |
| S8  | 653   | 375/308.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/01 14:21 |
| S9  | 69324 | spurs or "band spurious"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/01 14:22 |
| S10 | 8769  | (spurs or "band spurious").ab.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/01 14:22 |
| S11 | 4     | S10 and S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/01 14:27 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S12 | 41990 | modulat\$3 and oscillat\$3 and mix\$3                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/01 14:28 |
| S13 | 169   | S12 and S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/01 14:28 |
| S14 | 4143  | (modulat\$3 and oscillat\$3 and mix\$3).ab.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 10:13 |
| S15 | 17    | S14 and S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/01 14:28 |
| S18 | 6439  | phase adj modulat\$3 and oscillat\$3 and mix\$3                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 12:44 |
| S19 | 1455  | (phase adj modulat\$3) same oscillat\$3 same mix\$3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 10:15 |
| S20 | 183   | (phase adj modulat\$3) same oscillat\$3 same mix\$3 and spur\$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 10:20 |
| S21 | 56072 | "375"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 10:24 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S22 | 38    | S20 and S21                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 10:25 |
| S23 | 1247  | mixer near5 modulat\$4 and S21             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 12:51 |
| S24 | 1081  | mixer near4 modulat\$4 and S21             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 12:51 |
| S25 | 76    | mixer near4 (phase adj modulat\$4) and S21 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 14:30 |
| S26 | 21224 | spur\$4.ab.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 14:38 |
| S27 | 9108  | spur\$1.ab.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 14:32 |
| S28 | 18    | spur\$1.ab. and S21                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 14:32 |
| S29 | 174   | (spur\$4 AND MIX\$3 and modulat\$4).ab.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/11/02 15:48 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S30 | 136 | kintis.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/02 15:49 |
| S31 | 15  | kintis.in.   | US-PGPUB  | OR | ON  | 2004/11/02 15:49 |
| S32 | 438 | pn near4 modulator   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/03 09:38 |
| S33 | 54  | pn near4 ((phase or \$2SK or M-ary<br>or Mary) adj modulator)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/03 09:40 |
| S34 | 5   | ("3432758").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/03 10:01 |
| S35 | 0   | BPSK and MTM and Psk and gmsk<br>and qpsk and phase and modulat\$4         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/09 15:56 |
| S36 | 84  | BPSK and Psk and gmsk and qpsk<br>and phase and modulat\$4                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/09 16:05 |
| S37 | 27  | BPSK and Psk and gmsk and qpsk<br>and phase and modulat\$4 and pn          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/09 16:15 |
| S38 | 0   | (BPSK and Psk and gmsk and qpsk<br>and phase and modulat\$4).ab. and<br>pn | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/09 16:09 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S39 | 27  | BPSK and Psk and gmsk and qpsk and pn               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/09 17:50 |
| S40 | 499 | (phase and modulator).ab. and psk                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/09 17:51 |
| S41 | 64  | (phase and modulator).ab. and psk and bpsk          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/09 17:51 |
| S42 | 50  | (phase and modulator).ab. and psk and bpsk and qpsk | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 13:34 |
| S43 | 1   | delay adj6 "xor" adj6 "a/d"                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/09 18:06 |
| S44 | 16  | delay same "xor" same "a/d"                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/09 18:06 |
| S45 | 2   | ("5784403").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/10 13:34 |
| S46 | 0   | mixer adj3 "if filter"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:28 |

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|-----|----|--|---|----|-----|------------------|
| S47 | 0  | mixer adj3 "if filter" adj3 mixer and "375"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:28 |
| S48 | 36 | mixer adj3 filter adj3 mixer and "375"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/11/10 16:28 |
| S49 | 2  | ("6101225").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/17 01:24 |
| S50 | 29 | ("phase modulation" and power and mixer).ab.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/17 02:03 |
| S51 | 2  | ("6101225").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/06 16:41 |
| S52 | 26 | mixer.drwd. and oscillator with mixer and second adj mixer and (PN pseudo adj random pseudorandom)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 21:32 |
| S53 | 0  | mixer.drwd. and oscillator with mixer and second adj mixer and (PN pseudo adj random pseudorandom) with modulats3 and (PN pseudo adj random pseudorandom) with demodulats3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 21:33 |
| S54 | 0  | mixer.drwd. and oscillator same mixer and second adj mixer and (PN pseudo adj random pseudorandom) with modulats3 and (PN pseudo adj random pseudorandom) with demodulats3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 21:33 |

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|-----|----|--|---|----|-----|------------------|
| S55 | 28 | oscillator same mixer and second adj mixer and (PN pseudo adj random pseudorandom) with modulat\$3 and (PN pseudo adj random pseudorandom) with demodulat\$3         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 23:38 |
| S56 | 61 | oscillator same mixer and second adj mixer and (PN pseudo adj random pseudorandom) same modulat\$3 and (PN pseudo adj random pseudorandom) same demodulat\$3         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 23:42 |
| S57 | 29 | ("phase modulation" and power and mixer).ab.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 23:42 |
| S58 | 61 | oscillator same mixer and second adj mixer and (PN pseudo adj random pseudorandom) same modulat\$3 and (PN pseudo adj random pseudorandom) same demodulat\$3 not S57 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 23:43 |
| S59 | 28 | oscillator same mixer and second adj mixer and (PN pseudo adj random pseudorandom) with modulat\$3 and (PN pseudo adj random pseudorandom) with demodulat\$3         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 23:43 |
| S60 | 33 | oscillator same mixer and second adj mixer and (PN pseudo adj random pseudorandom) same modulat\$3 and (PN pseudo adj random pseudorandom) same demodulat\$3 not S59 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 23:43 |
| S61 | 2  | ("6101225").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 17:11 |
| S62 | 2  | ("6754287").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 17:11 |



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|     |   |                 |   |    |     |                  |
|-----|---|-----------------|---|----|-----|------------------|
| S63 | 2 | ("5784403").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 17:12 |
| S64 | 2 | ("5978420").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 17:12 |